

REMARKS

Claims 1, 2, and 6 are pending.

In the Office Action, claims 1-3 and 6 were rejected under 35 USC § 102(b) for being anticipated by the Nowara patent in view of Applicant's admitted prior art (AAPA).

Claim 1 has been amended to recite, in step (c), generating a first correlation value based on "multiplication of one of the first part or the second part of the baseband data and only the real number part of the synchronous code data." The Nowara patent does not teach or suggest these features, and neither does AAPA.

The Nowara patent discloses dividing a baseband signal into a partial signal and then synchronizing only the partial signal with a PN code sequence. (See column 3, lines 1-39). Through these steps, a mobile station signal is synchronized with the pilot signal of a base station. (See column 14, lines 20-21).

In rejecting the multiplication step of claim 1, the Examiner relied on column 6, lines 57-60 of Nowara. However, this portion of Nowara only discloses dividing an input signal into very short sample sequences, each having partial signals. Nowara then goes on to disclose that a correlation value is calculated based on the partial signals. However, Nowara does not teach or suggest multiplying only one of the first or second part of baseband data with only the real number part of the synchronous code data. In fact, Nowara discloses at column 8, lines 34-49 that both the imaginary and real parts are taken into consideration when computing correlation

values. Nowara, therefore, does not teach or suggest all the features of claim 1, whether taken alone or in combination with AAPA.

Based on these differences, it is respectfully submitted that claim 1 is allowable over an AAPA-Nowara combination. Furtherance of claim 1 and its dependent claims to allowance is therefore respectfully requested.

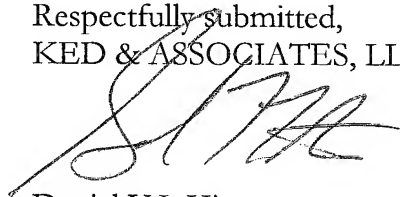
Claim 6 recites features similar to those which patentably distinguish claim 1 from the cited references. For example, claim 6 recites “if the correlation value is greater than the preset threshold value, then multiplying adjacent data which either precedes or follows the extracted baseband data by only a real number unit of the synchronous code data.” Nowara does not teach or suggest these features and neither does AAPA. In rejecting claim 6, the Examiner cited columns 7 and 8 of Nowara and reference numerals S7 and S8 in Figure 6. However, these portions of Nowara only disclose performing an accumulation function based on partial values. The values are not identified as real number parts of the synchronous code data, and in fact Nowara makes clear at column 8, lines 34-49 that both real and imaginary parts are taken into consideration when calculating correlation values.

Based on these differences, it is respectfully submitted that claim 6 is allowable.

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and timely allowance of the application is respectfully requested.

To the extent necessary, a petition for an extension of time under 37 CFR § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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